(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 14 October 2004 (14.10.2004)

PCT

(10) International Publication Number WO 2004/088208 A1

(51) International Patent Classification⁷: A47L 15/00

F24C 14/00,

(21) International Application Number:

PCT/BR2004/000049

(22) International Filing Date: 1 April 2004 (01.04.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PI 0300856-8

PI 0304574-9

3 April 2003 (03.04.2003)

BR 6 October 2003 (06.10.2003) BR

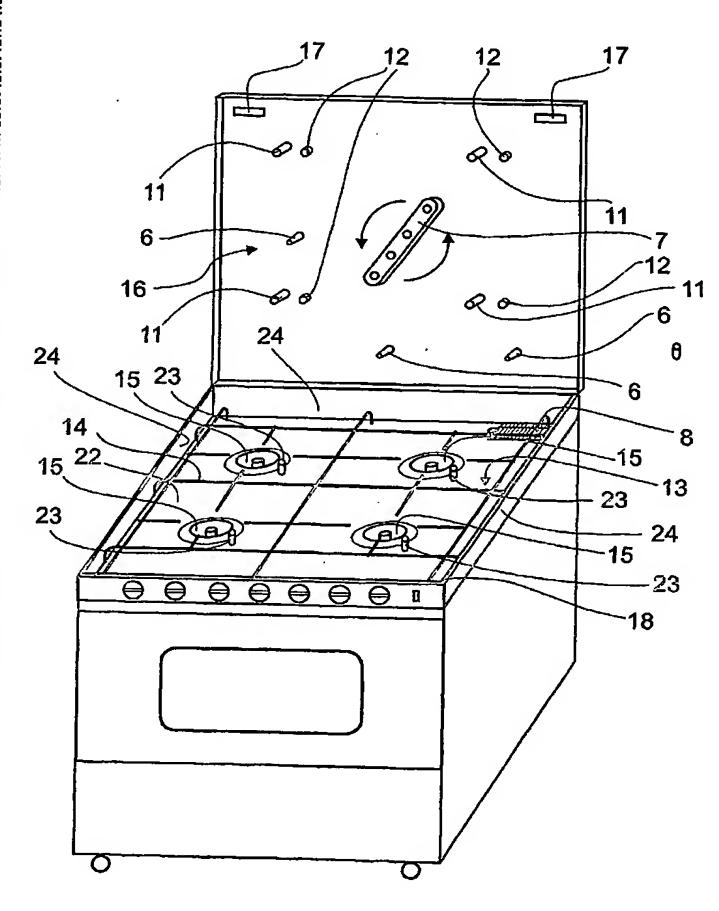
(71) Applicant and

(72) Inventor: DE MIRANDA GRIECO, Antônio, Augusto [BR/BR]; Rua dos Franceses, 174/161 B, Bela Vista, 01329-010 São Paulo - SP (BR).

- (74) Agent: DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, 22251-040 Rio de Janeiro - RJ (BR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

[Continued on next page]

(54) Title: A KITCHEN-RANGE, AN OVEN AND A SELF-CLEANING ASSEMBLY



(57) Abstract: The present invention relates to a kitchen-range (1) and/or an oven (100) with a self-cleaning system, having a cleaning-element spraying assembly (6, 7, 106, 107), preferably water with detergent, arranged at the cooking top (13) and/or cooking chamber (113) for spraying it in a pressurized way and removing the existing dirt. A circuit is coupled to the cooking top (13) and/or cooking chamber (113), formed by conduits (5, 105, 4, 104) and a pump (19), so that the sprayed cleaning-elements can circulate and remove dirt from the surfaces to be cleaned.

WO 2004/088208 A1



GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report